OWNER'S MANUAL

Ceiling Fan Installation Instructions

Total fan weight
with light

For 3TSR52XXD Series Fans

READ AND SAVE THESE INSTRUCTIONS

MONTE CARLO

QUALITY CEILING FANS

Installation

1. Installation work and electrical wiring must be done by qualified person(s) in accordance with applicable codes ANSI/NFPA 70-1999), including fire-rated construction.
2. Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.
3. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.
4. Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
5. Be cautious! read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.
6. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
7. Make sure the installation site you choose allows the fan blades to rotate without any obstructions. Allow a minimum clearance of 7 feet from the floor to the trailing edge of the blade.
8. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support. Use only the screws provided with the outlet box. Use only the screws provided with the outlet box. (Mounting must support at least 35 lbs.)
9. Do not bend blade holders during installation to motor, balancing or during cleaning. Do not insert foreign object between rotating blades.
10. Attach the mounting bracket using only the hardware supplied with the outlet box.
11. To reduce the risk of fire or electric shock, do not use this fan with any solid state fan speed control device, or variable speed control.
12. If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application.
13. NEVER place a switch where it can be reached from a tub or shower.
14. The combustion airflow needed for safe operation of fuel-burning equipment may be affected by this unit's operation. Follow the heating equipment manufacturer's guideline safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.
15. Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

## TOOLS REQUIRED
### Phillips Screwdriver   Wire Cutters   Pliers   Step Ladder

1

Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
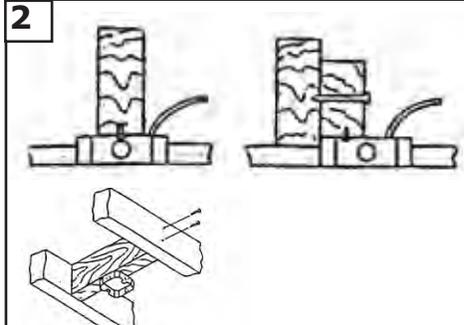
2

Before installing this fan make sure the outlet box is properly installed to the house structure. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support. (Mounting must support at least 35 lbs.)

3

Use metal outlet box suitable for fan support (must support 35 lbs). Before attaching fan to outlet box, ensure the outlet box is securley fastened by at least two points to a structural ceiling member (a loose box will cause the fan to wabble). **Use only the screws provided with the outlet box.**
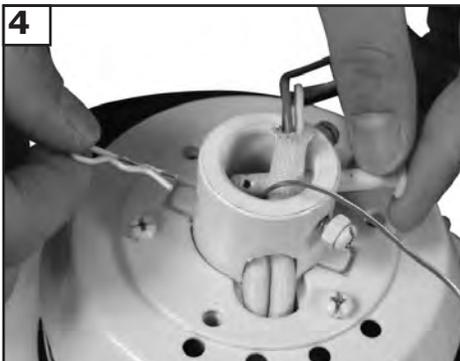
4

Remove keeper from pin. Replace keeper into pin and save for later.
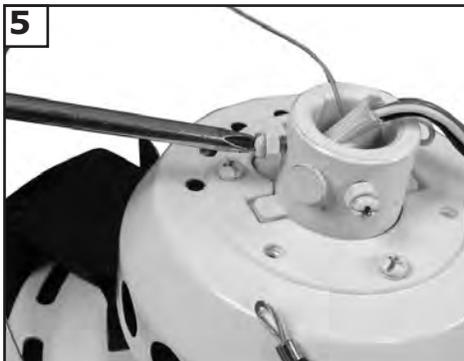
5

Loosen the 2 set screws in yoke for downrod to slip into yoke.
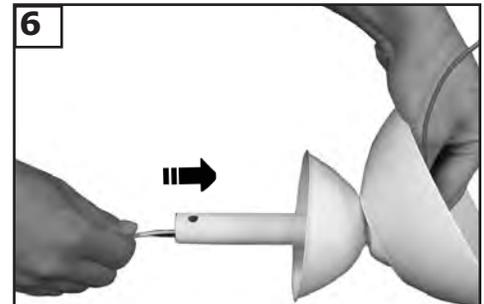
6

Place canopy and then yoke cover on downrod. Thread lead-wires and safety cable through downrod. As shown.

7

Insert downrod into yoke on top of the Fan Body. Align the hole in the Downrod with the hole in the Yoke. Insert the Pin through the Yoke and Downrod until the point appears on the other side. Install the keeper to pin.
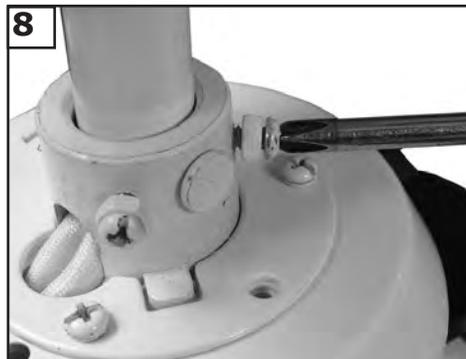
8

Tighten the 2 set screws on the Yoke once the downrod is in place.
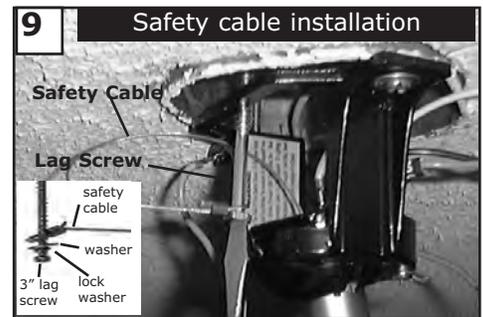
9 Safety cable installation

Safety Cable

Lag Screw

safety cable
washer
3" lag screw
lock washer

For Canadian installation and for USA fan and light kit combinations over 35 lbs, in both flush and downrod mode the safety cable must be installed into the house structure beams using the 3" lag screws,washers, and lock washers. provided. Make sure that when the safety cable is fully extended the leadwires are longer than the cable and no stress is placed on the lead-wires.

10

Hang assembled fan from the mounting bracket installed to ceiling in previous step. Make sure the fan is hanging straight. Rotate fan until the tab on the Mounting bracket engages the slot on the Downrod Ball. This must be done to prevent the fan body from rotating when the blades are in motion.

11

Fan   House

fuses
white   white
black
blue   black

Green
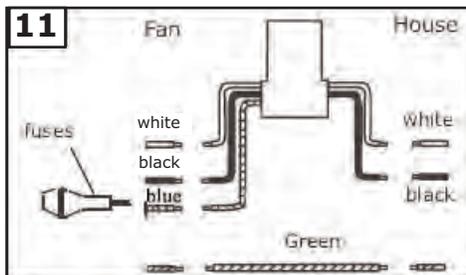
Make wiring connections as indicated above. White from fan to white from remote marked N. Blue from fan to blue from remote marked light. Black from fan to Black from remote marked L. White from house to white from remote marked AC N . Black from house to Black from remote marked AC L. Connect all green ground wires to Ground wire from House.

12

Remote Transmitter Dip swtiches

Remote Receiver Dip switches
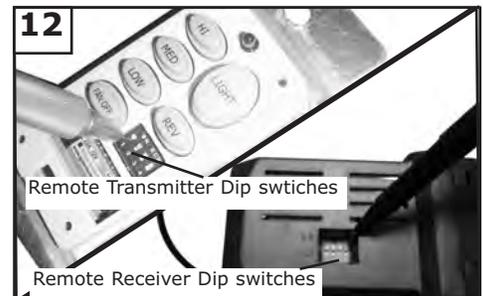
Set dip switches on the Remote Transmitter and Remote Receiver to the same settings. This must be done so the units will commuincate properly. If you have other fans you can set to control from one transmitter by setting both receivers the same as the transmitter. If you have more than one fan with remote. You can set the dip switches to different positiosns to have seperate control.

**13**

Slide remote receiver into mounting bracket.

14

Make wire connections to power source using wire nuts provided. Make sure that no filiments are outside of the wirenut. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.
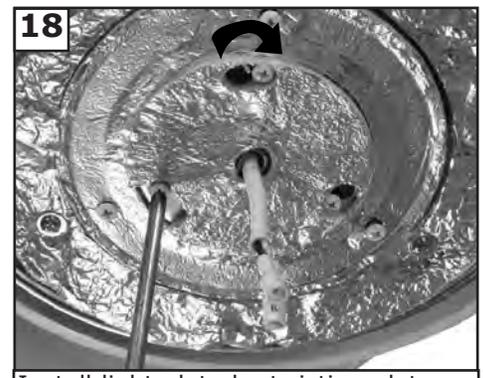
15

Next lift the canopy, twist into place and tighten 2 screws securely. The canopy should adjust for any irregularity in the ceiling or Outlet box.

16

Align the blade with castings on motor to attach blades to motor.
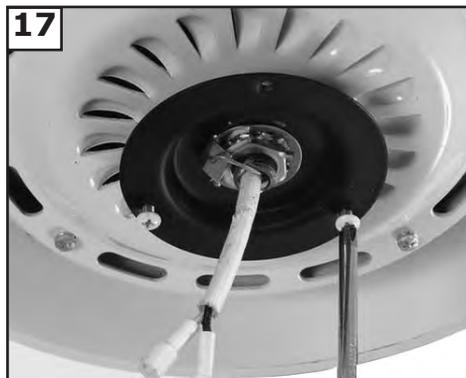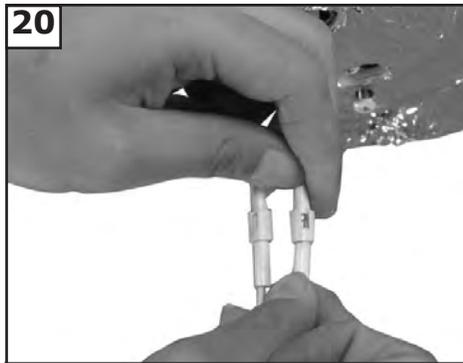
17

Loosen 2 screws and remove 1 screw from motor plate and save screw.
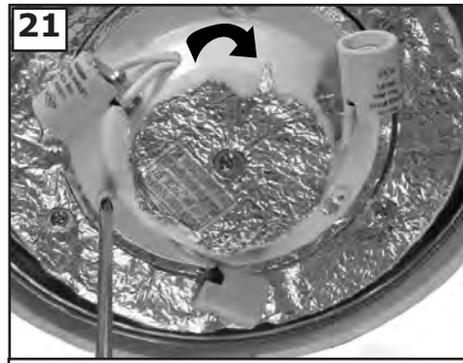
18

Install light plate by twisting plate with key hole slots into place. Replace screw removed and tighten the 3 screws securely.

19

Loosen 2 screws and remove 1 screw from light plate and save screw.
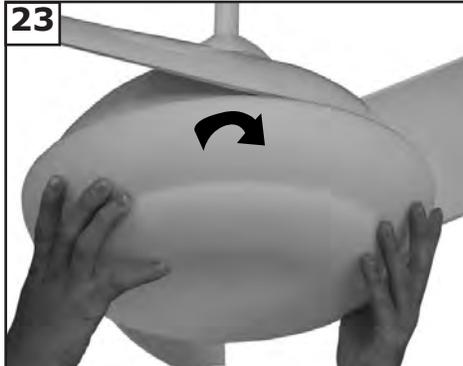
20

Connect white wire from fan to white wire from light fixture. Then plug black wire from fan to black wire from light fixture.

21

Install light fixture by twisting plate with key hole slots into place. Replace screw removed and tighten the 3 screws securely.

22

Install 3 x 60 watt incandescent candelabra bulbs.

23

Attach glass by locating dimples in light fixture with the groves in glass and twisting clockwise till tight.
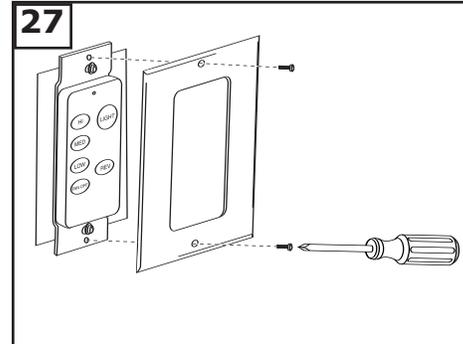
24

Remove cover by snapping off from top or bottom. Install 12V battery into wall remote. Duracell MN21/Eveready A23/GP 23A all 12V

25

Attach cover of remote by placing over buttons and snapping into place.
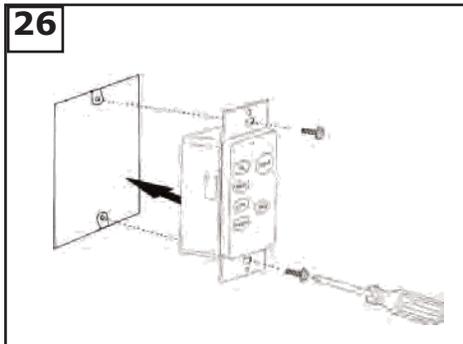
26

Install wall control unit to outlet box using machine screws provided.

27

Attach front cover to wall control with screws provided.

28

Fan speed control buttons

Light dimmer for lights

Fan on / off
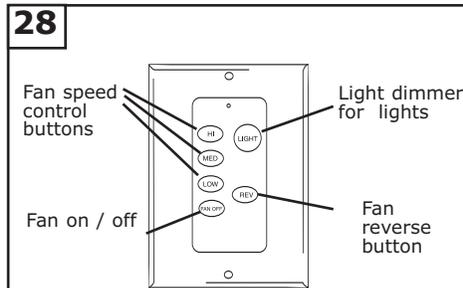
Fan reverse button

To control fan speed select from High, Medium or low speed buttons. To turn the fan off press the Fan on / off button. To dim lights press and hold button. To turn off light press and quickly release button. Press button marked REV to reverse the rotation direction of the fan blades

TROUBLE SHOOTING

If you have difficulty operating your new ceiling fan, it may be the result of incorrect assembly, installation, or wiring. In some cases, these installation errors may be mistaken for defects. If you experience any faults, please check this Trouble Shooting Chart. If a problem cannot be remedied, or you are experiencing difficulty in installation, please call our Customer Service Center at the number printed on your parts list insert sheet.

Warning: Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

1. If fan does not start:
1. Check main and branch circuit fuses or circuit breakers.
2. Check line wire connections to fan and switch wire connections in switch housing.
3. Check to make sure the dip switches from transmitter and receiver are set on the same frequency.
CAUTION: Make sure main power is turned off.
4. Make sure forward/reverse switch is firmly in up or down position. Fan will not operate when switch is in the middle.

2. If fan sounds noisy:
1. Check to make sure all screws in motor housing are snug (not over tightened).
2. Check to make sure the screws which attach the fan blade holder to the motor are tight.
3. Check to make sure wire nut connectors in switch housing are not rattling against each other or against the interior wall of the switch housing.
CAUTION: Make sure main power is turned off before entering switch housing.
4. Some fan motors are sensitive to signals from Solid State variable speed controls.
DO NOT USE a Solid State variable speed control.
5. Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.

3. If fan wobbles:
1. Make sure that the ridge of the canopy engages the notch in the downrod ball.
2. Check that all blades are screwed firmly into blade holders.
3. Check that all blade holders are tightened securely to motor.
4. Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist.
5. Most fan wobble problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure this distance from blade tip to ceilng. Keeping measure within 1/8", rotate the fan until the next blade is positioned for measurement. Repeat for each blade. If all blade levels are not equal, you can adjust blade levels by the following procedure. To adjust a blade tip down, insert a washer (not supplied) between the blade and blade holder at the screw closest to the motor. To adjust a blade tip up, insert washer (not supplied) between the blade and blade holder at the two screws farthest from the motor. Reverse the position of the washer if blades mount from top of blade.
6. If blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.

4. If light does not work:
1. Check blue wire from fan to make sure it is connected to hot wire from house.
2. Check for loose or disconnected wires in fan switch housing.
3. Check for loose or disconnected wires in light kit.
4. Check for faulty light bulbs.

CAUTION: Make sure main power is turned off before entering switch housing or canopy.

WARNING: Before attempting to replace the fuse make sure the main power is turned off to the fan. Replace only with 3 amp fuse. The fuse is inside the canopy.

MONTE CARLO

Customer Service Center:
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